Contents

Abe, Y., s. Kubota, K. et al. 136
Abós, M.D., s. Banzo, J. et al. 561
Adiseshiah, M., Barber, R.W., Szaz, K.F.: Measurement of regional lower limb blood flow in normal humans by inhalation of ^{133}Xe 379
Adolph, R.J., s. Gerson, M.C. et al. 403
Agnew, J.E.: Influence of age on sacroiliac joint uptake ratios 484
Agnew, J.E., Wood, E.J., Sutton, P.P., Bateman, J.R.M., Pavia, D., Clarke, S.W.: Krypton-81m and 5-µm radioaerosol images in asymptomatic asthma: a blind marking assessment 502
Ahlborg, G., s. Dahlborn, M. et al. 499
Alcorta, L.F., s. Zayas, F. et al. 157
Alexander, W.D., s. Connell, J.M.C. et al. 464
Amico, S., s. Liehn, J.C. et al. 446
Ando, A., Ando, I., Hiraki, T., Hisada, K., Nitta, K., Ogawa, H.: ^{67}Ga-binding substances in abscess and normal tissues 300
Ando, I., s. Ando, A. et al. 300
Ando, T., s. Furukawa, T. et al. 196
Angelberger, P., s. Dudczak, R. et al. 81
Antipas, S.E., s. Dimitriou, P. et al. 190
Antonelli, D., s. Garty, I. et al. 453
Arnett, C.D., s. Shiue, C.-Y. et al. 77

Bajolet, A., s. Liehn, J.C. et al. 446
Ballestrazzi, A., s. Cassio, A. et al. 351
Balsamo, A., s. Cassio, A. et al. 351
Banzo, J., Diaz, F.J., Pina, J.I., Abós, M.D., Rios, G., Garcia, D., Marín, F.: Multiple cerebral hydatid cysts 561
Barber, R.W., s. Adiseshiah, M. et al. 379
Baroffio, R., s. Picozzi, R. et al. 6
Barzilay, J., s. Garty, I. et al. 453
Bassand, J.P., s. Berthout, P.. et al. 112
Basse-Cathalinat, B., s. Guillet, J. et al. 86
Bateman, J.R.M., s. Agnew, J.E. et al. 502
Baud, M., s. Berthout, P.. et al. 112
Baulieu, F., s. Guilloteau, D. et al. 278
Baulieu, J.-L., s. Guilloteau, D. et al. 278
Beck, C., s. Venot, J. et al. 343
Beckers, C., s. Nayer, P. De et al. 284
Bellitto, L., s. Bianchi, C. et al. 257
Benli, M., s. Yeker, D. et al. 316
Bergqvist, L., Strand, S.-E., Hafström, L., Jönsson, P.-E.: Lymphoscintigraphy in patients with malignant melanoma: A quantitative and qualitative evaluation of its usefulness 129
Bernard, A.M., s. Jeune, J.J. Le et al. 250
Berthout, P., Cardot, J.C., Baud, M., Faivre, R., Verdenet, J., Bidet, A.C., Bassand, J.P., Bidet, R., Maurat, J.P.: Factors influencing the quantification of valvular regurgitation by gated equilibrium radionuclide angiography 112
Besnard, J.-C., s. Guilloteau, D. et al. 278
Bessent, R.G., s. Gray, H.W. et al. 151
Bessent, R.G., s. Fogelman, I. et al. 545
Beukhof, J.R., s. Kremer Hovinga, T.K. et al. 144
Bialonczyk, Ch., s. Köhn, H. et al. 408
Bianchi, C., Donadio, C., Tramonti, G., Lorusso, P., Bellitto, L., Lunghi, F.: ^{99m}Tc-aprotinin: A new tracer for kidney morphology and function 257
Bidet, A.C., s. Berthout, P.. et al. 112
Bidet, R., s. Berthout, P.. et al. 112
Bigler, R.E., s. Myers, W.G. et al. 272
Bijvoet, O.L.M., s. Vellenga, C.J.L.R. et al. 533
Bins, M.C., Wever, A.M.J., Pauwels, E.K.J., Velde, E.A. van der: Krypton-81m ventilation studies as a parameter for lung capacity after lobectomy 312
Bjerre-Jepsen, K., Faris, I., Henriksen, O., Paaschburg-Nielsen, B.: Effect of therapy on 24-h subcutaneous blood flow in the leg in patients with severe ischemia 413
Blanquet, P., s. Guillet, J. et al. 86
Bloch, L., s. Garty, I. et al. 453
Bolmsjö, M.: Hemisphere cross talk and signal overlapping in bilateral regional cerebral blood flow measurements using xenon 133 1
Bonan, R., s. Eybalin, M.-C. et al. 247
Bonifazi, N., s. Troncone, L. et al. 429
Bossaller, C., s. Meyer, G.-J. et al. 220
Bournaud, E., s. Venot, J. et al. 343
Boyle, I.T., s. Fogelman, I. et al. 545
Braun, T., s. Hanna, R. et al. 216
Büyükünal, C., s. Yeker, D. et al. 316
Büyükünal, E., s. Yeker, D. et al. 316

Cadranel, S., s. Ham, H.R. et al. 362
Cardot, J.C., s. Berthout, P.. et al. 112
Casprini, P., s. Gori, C. et al. 517
Cassio, A., Turba, E., Balsamo, A., Ballestrazzi, A., Possato, R., Marinelli, M.: In vivo isotope study of the thyroid with $^{99m}TcO_4^-$ in neonatal congenital hypothyroidism 351
Chambon, C., s. Guilloteau, D. et al. 278
Chamorro, J.L., s. Montes, J. et al. 438
Charvet, M.A., s. Richter, J.A. et al. 436
Christophe, E., s. Guillet, J. et al. 86
Clark, R.S., s. McKillop, J.H. et al. 359
Clarke, S.W., s. Agnew, J.E. et al. 502
Collignon, F., Pradelles, P.: Highly sensitive and specific radioimmunoassays for dihydroergotoxine components in plasma 23
Connell, J.M.C., Hilditch, T.E., McCruden, D.C., Robertson, J., Alexander, W.D.: Effect of pretreatment with carbimazole on early outcome following radio-iodine (^{131}I) therapy 464
Corsello, S.M., s. Troncone, L. et al. 429
Cosnay, P., s. Philippe, L. et al. 385
Cox, P.H., s. Shapiro, B. et al. 354
Creutzig, H.: Labeling of red blood cells 294
Croft, D.N., s. Rowe, I.F. et al. 154

Dahlborn, M., Ahlborg, G., Söderborg, B., Virgin, J., Wilczek, B.: Gamma camera detection of ^{99m}Tc-plasmin in the diagnosis of deep-vein thrombosis 499
De Rosa, G., s. Troncone, L. et al. 429
Deckart, H., s. Ertl, S. et al. 241
DeLand, F.H., s. Shih, W.-J. et al. 286
DeNayer, P., Malvaux, P., Beckers, C.: Familial dysalbuminemic hyperthyroxinemia (FDH): Inadequacy of the "analog" methods for assaying free-T_4 levels 284
Deschildre, A., s. Liehn, J.C. et al. 446
Deschrywer, F., s. Najean, Y. 558
Deutsch, E.A., s. Gerson, M.C. et al. 403
Diamanti, C., s. Goodwin, D. et al. 209
Diaz, F.J., s. Banzo, J. et al. 561
Diaz, J.W., s. Zayas, F. et al. 157
Dienstbier, Z., s. Švihovcová, P. et al. 478
Diksic, M., Kodery, B., Sako, K., Feindel, W., Yamamoto, Y.L.: Improved synthesis and low-temperature autoradiographic evaluation of ^{18}F-*n*-fluoropropane as a myelin tracer for positron emission tomography 553
Dimitriou, P., Giamouris, J., Kasfiki, A., Karpathios, T., Antipas, S.E.: Fitting of radioactivity data to exponential functions by weighted least squares analysis 190
Dimitriou, P., Tzimas, J., Tsialas, S.: Effect of scatter radiation on the planar source sensitivity of a collimated detector 229
Dodig, D., Popović, S., Domljan, Z.: Influence of age on quantitative sacro-iliac joint imaging 177
Döge, H., Hliscs, R.: Intrathecal theapy with ^{198}Au-colloid for meningosis prophylaxis 125
Domljan, Z., s. Dodig, D. et al. 177
Domstad, P.A., s. Shih, W.-J. et al. 286
Donadio, C., s. Bianchi, C. et al. 257

Donker, A.J.M., s. Kremer Hovinga, T.K. et al. 144
Donker, A.J.M., s. Luijk, W.H.J. van et al. 439
Dormehl, I.C., Pilloy, W., Jordaan, J.H., Jacobs, D.J., Plessis, M. du: Standardisation of tracer and type of meal in the evaluation of gastric emptying and colon transit rates in normal Beagle dogs 28
Dorow, P., s. Weiss, T. et al. 62
Dubovsky, E.V., s. Tauxe, W.N. et al. 443
Dubuisson, R.L., s. Harpen, M.D. et al. 73
Ducassou, D., s. Guillet, J. et al. 86
Dudczak, R., Kletter, K., Frischauf, H., Losert, U., Angelberger, P., Schmoliner, R.: The use of ^{123}J-labeled heptadecanoic acid (HDA) as metabolic tracer: Preliminary report 81
Dupras, G., s. Eybalin, M.-C. et al. 247

Elaerts, J., s. Lichn, J.C. et al. 446
Elmgreen, J., s. Kelbaek, H. et al. 366
Emrich, D., s. Neumann, P. et al. 205
Endo, M., Iinuma, T.A.: Software correction of scatter coincidence in positron CT 391
Endo, S., s. Kubota, K. et al. 136
Ensing, G.J., s. Luijk, W.H.J. van et al. 439
Erjavec, M., s. Popescu, H.I. et al. 295
Errasti, P., s. Richter, J.A. et al. 436
Ertl, S., Deckart, H., Tautz, M.: Radiation dose and risk of patients through nuclear medical procedures in the GDR. A comparison of 1978 and 1981 241
Eybalin, M.-C., Taillefer, R., Bonan, R., Dupras, G.: Duplication of the superior vena cava: Detection by radionuclide angiography 247

Faivre, R., s. Berthout, P. et al. 112
Faris, I., s. Bjerre-Jepsen, K. et al. 413
Fauchier, J.P., s. Philippe, L. et al. 385
Feindel, W., s. Diksic, M. et al. 553
Felix, R., s. Weiss, T. et al. 62
Ferri, P., s. Gori, C. et al. 517
Fisher, S., s. Wahl, R.L. et al. 382
Fleming, J.S.: A technique for motion correction in dynamic scintigraphy 397
Fogelman, I., McKillop, J.H., Bessent, R.G., Boyle, I.T., Gray, H.W., Gunn, I., Hutchison, J.S.F.: Successful localisation of parathyroid adenomata by thallium-201 and technetium-99m subtraction scintigraphy: description of an improved technique 545
Fogelman, I., s. Smith, M.L. et al. 519
Fogh, J., s. Kelbaek, H. et al. 366
Forcht Dagi, T., s. Goodgold, H.M. et al. 39
Fridrich, L., Gassner, A.: Quantification of valvular regurgitation 566
Frischauf, H., s. Dudczak, R. et al. 81
Frohner, K., s. Köhn, H. et al. 408
Füger, G.F., s. Popescu, H.I. et al. 295
Fujita, T., s. Tamaki, N. et al. 99
Fujita, T., s. Kawamura, J. et al. 168
Fujiwara, T., s. Kubota, K. et al. 136
Fukada, H., s. Kubota, K. et al. 136
Fukakusa, S., s. Furukawa, T. et al. 196
Furukawa, T., Yamada, T., Mori, Y., Shibakiri, I., Fukakusa, S., Tamaki, M., Suzuki, K., Ando, T.: A case of aneurysm of the jugular and mediastinal veins – radioistotropic blood pool study of venous aneurysm 196

Galván, R., s. Montes, J. et al. 438
Garcia, D., s. Banzo, J. et al. 561
Garth, H., s. Schroth, H.-J. et al. 529
Garty, I., Kardontchik, A.: Study of ECG-gated thallium-201 myocardial scintigraphy: Is imaging time a limiting factor? 173
Garty, I., Barzilay, J., Bloch, L., Antonelli, D., Koltun, B.: The diagnosis and early complications of right ventricular infarction 453
Garty, I., Rosen, G., Risescu, J.: Extraosseous ^{99m}Tc-MDP uptake in mediastinal thyroid goiter: two case reports 521
Garty, I., Siplovich, L., Moguilner, J.: Pitfalls in the diagnosis of neuroblastoma by ^{99m}Tc-MDP scintigraphy: A case report 564
Gassner, A., s. Fridrich, L. 566
Gastinne, H., s. Venot, J. et al. 343
Gaunt, J.I., s. Rowe, I.F. et al. 154
Georges, B., s. Ham, H.R. et al. 362
Gerson, M.C., Deutsch, E.A., Libson, K.F., Adolph, R.J., Ketring, A.R., Vanderheyden, J.-L., Williams, C.C., Saenger, E.L.: Myocardial scintigraphy with ^{99m}Tc-tris-DMPE in man 403
Ghosh, S.K., s. Ishfaq, M.M. et al. 141
Giamouris, J., s. Dimitriou, P. et al. 190
Glagoličová, A., s. Švihovcová, P. et al. 478
Gobuty, A., s. Kim, E.E. et al. 433
Goodgold, H.M., Forcht Dagi, T., Harbert, J.C.: Radionuclide demonstration of ventriculoatrial shunt-cutaneous fistula with cerebrospinal fluid leak 39
Goodwin, D., Meares, C., Diamanti, C., McCall, M., Lai, C., Torti, F., McTigue, M., Martin, B.: Use of specific antibody for rapid clearance of circulating blood background from radiolabeled tumor imaging proteins 209
Gori, C., Casprini, P., Ferri, P., Grossi, A., Zatelli, G.: Possible sources of error in the calculation of ferrokinetic parameters using Ricketts' triexponential model 517
Gorkic, D., s. Vanlič-Razumenic, N. et al. 370
Graaf, P. de, Pauwels, E.K.J., Vos, P.H., Schicht, I.M., Velde, J. te, Graeff, J. de: Observations on computerized quantitative bone scintigraphy in renal osteodystrophy 419
Graeff, J. de, s. Graaf, P. de et al. 419
Graham, M.C., s. Myers, W.G. et al. 272
Gray, H.W., Pearson, D.W., Moran, F., Bessent, R.G.: Reporting of ventilation perfusion images for pulmonary embolism: Accuracy and precision 151
Gray, H.W., s. Fogelman, I. et al. 545
Greenfield, M.A., s. Siegel, J.A. et al. 494
Grossi, A., s. Gori, C. et al. 517
Guillaume, M., s. Ham, H.R. et al. 362
Guillet, J., Basse-Cathalinat, B., Christophe, E., Ducassou, D., Blanquet, P., Wynchank, S.: Routine studies of swallowed radionuclide transit in paediatrics: Experience with 400 patients 86
Guilloteau, D., Baulieu, J.-L., Huguet, F., Viel, C., Chambon, C., Valat, C., Baulieu, F., Itti, R., Pourcelot, L., Narcisse, G., Besnard, J.-C.: Meta-iodobenzylguanidine adrenal medulla localization: Autoradiographic and pharmacologic studies 278
Gunn, I., s. Fogelman, I. et al. 545

Hafström, L., s. Bergqvist, L. et al. 129
Hale, T.I., Jucker, A.: Clinical evaluation of positive myocardial imaging 525
Ham, H.R., Piepsz, A., Georges, B., Verelst, J., Guillaume, M., Cadranel, S.: Quantitation of esophageal transit by means of ^{81m}Kr 362
Hama, Y., Sasaki, T., Kojima, S., Kubodera, A.: ^{67}Ga accumulation and heparan sulfate metabolism in lysosomes 51
Hamanaka, D., Odori, T., Maeda, H., Ishii, Y., Hayakawa, K., Torizuka, K.: A quantitative assessment of scintigraphy of the legs using ^{201}Tl 12
Hamanaka, D., s. Tamaki, N. et al. 106
Hammersley, P.A.G.: Relative tumour enhancement of ^{67}Ga uptake by desferrioxamine 467
Hanna, R., Braun, T., Levendel, A., Lomas, F.: Radiochemistry and biostability of autologous leucocytes labelled with ^{99m}Tc-stannous colloid in whole blood 216
Hannequin, P., s. Lichn, J.C. et al. 446
Harbert, J.C., s. Goodgold, H.M. et al. 39
Harpen, M.D., Dubuisson, R.L., Head, G.B., III, Robinson, A.E.:

Radionuclide determination of cardiac outputs and indices 73
Harpen, M.D., s. Siegel, J.A. et al. 494
Hasegawa, E., s. Tanabe, M. et al. 233
Hasegawa, H., s. Oyamada, H. et al. 161
Hatazawa, J., s. Kubota, K. et al. 136
Hausinger, F., s. Schroth, H.-J. et al. 529
Hayakawa, K., s. Hamanaka, D. et al. 12
Head, G.B., III, s. Harpen, M.D. et al. 73
Heidendal, G.A.K., s. Lückers, A.E.G. et al. 282
Heinken, U., s. Laue, A. et al. 17
Henriksen, O., s. Bjerre-Jepsen, K. et al. 413
Herry, J.Y., s. Jeune, J.J. Le et al. 250
Herscheid, J.D.M., Hoekstra, A., Vos, C.M.: *N*-Succinyldesferrioxamine B: A potential Radiopharmaceutical for assessing renal function 508
Hesslewood, S.R., s. Ishfaq, M.M. et al. 141
Hickey, A.J., s. Ishfaq, M.M. et al. 141
Higashi, S., Kuniyasu, Y.: An experimental study of deep-vein thrombosis using ^{99m}Tc-fibrinogen 548
Hilditch, T.E., s. Connell, J.M.C. et al. 464
Hiraki, T., s. Ando, A. et al. 300
Hisada, K., s. Ando, A. et al. 300
Hisada, K., s. Maeda, T. et al. 416
Hliscs, R., s. Döge, H. 125
Hoekstra, A., s. Herscheid, J.D.M. et al. 508
Höfer, R., s. Sinzinger, H. et al. 320
Hoffman, T.J., s. Volkert, W.A. et al. 511
Høilund-Carlsen, P.F., Marving, J.: Underestimation of equilibrium radionuclide left ventricular ejection fraction due to myocardial uptake of ^{99m}Tc 91
Holmes, R.A., s. Volkert, W.A. et al. 511
Holub, V., s. Němec, J. et al. 261
Hoshi, H., Watanabe, K., Jinnouchi, S., Kodama, T., Nishikawa, K., Wakuta, Y., Kakitsubata, Y.: ^{99m}Tc-MDP uptake in mediastinal hemangioma 94
Huguet, F., s. Guilloteau, D. et al. 278
Huijgens, P.C., s. Lückers, A.E.G. et al. 282
Hunault, M., Tamaki, N., Minato, K., Mukai, T., Torizuka, K., Konishi, Y., Kuwahara, M., Ishii, Y.: Quantitative evaluation of tricuspid regurgitation by digital simulation of cardiac time-activity curves 68
Hundeshagen, H., s. Laue, A. et al. 17
Hundeshagen, H., s. Meyer, G.-J. et al. 220
Hutchison, J.S.F., s. Fogelman, I. et al. 545
Hutton, I., s. McKillop, J.H. et al. 359

Ido, T., s. Kubota, K. et al. 136
Ido, T., s. Ishiwata, K. et al. 185
Iinuma, T.A., s. Endo, M. 391
Ishfaq, M.M., Ghosh, S.K., Mostafa, A.B., Hesslewood, S.R., Williams, N.R., Hickey, A.J.: A simple radioaerosol generator and delivery system for pulmonary ventilation studies 141
Ishida, H., s. Maeda, T. et al. 416
Ishii, Y., s. Hamanaka, D. et al. 12
Ishii, Y., s. Hunault, M. et al. 68
Ishii, Y., s. Tamaki, N. et al. 99
Ishii, Y., s. Tamaki, N. et al. 106
Ishiwata, K., Ido, T., Kawashima, K., Murakami, M., Takahashi, T.: Studies on ^{18}F-labeled pyrimidines. II. Metabolic investigation of ^{18}F-5-fluorouracil, ^{18}F-5-fluoro-2′-deoxyuridine and ^{18}F-5-fluorouridine in rats 185
Ito, K., s. Kubota, K. et al. 136
Ito, M., s. Kubota, K. et al. 136
Itoh, H., s. Kawamura, J. et al. 168
Itti, R., s. Guilloteau, D. et al. 278
Itti, R., s. Philippe, L. et al. 385
Iwata, R., s. Kubota, K. et al. 136

Jacobs, D.J., s. Dormehl, I.C. et al. 28
Janssen, S., Rijswijk, M.H. van, Piers, D.A., Jong, G.M.T. de: Soft-tissue uptake of ^{99m}Tc-diphosphonate in systemic AL amyloidosis 538
Jeune, J.J. Le, Rochcongar, P., Vazelle, F., Bernard, A.M., Herry, J.Y., Ramée, A.: Pubic pain syndrome in sportsmen: Comparison of radiographic and scintigraphic findings 250
Jinnouchi, S., s. Hoshi, H. et al. 94
Johansson, L., Mattsson, S., Nosslin, B.: Effective dose equivalent from radiopharmaceuticals 485
Jong, G.M.T. de, s. Janssen, S. et al. 538
Jönsson, B.-A., s. Thörne, J. et al. 472
Jönsson, P.-E., s. Bergqvist, L. et al. 129
Jordaan, J.H., s. Dormehl, I.C. et al. 28
Joslyn, J.N., s. Machen, B.C. et al.
Jucker, A., s. Hale, T.I. 525

Kadota, K., s. Tamaki, N. et al. 99
Kadota, K., s. Tamaki, N. et al. 106
Kakitsubata, Y., s. Hoshi, H. et al. 94
Kambara, H., s. Tamaki, N. et al. 99
Kambara, H., s. Tamaki, N. et al. 106
Kardontchik, A., s. Garty, I. 173
Karimeddini, M.K., Vogler, M.A., Spencer, R.P.: Clearance of ^{99m}Tc-diisopropyl-IDA in the "steady state" 482
Karimeddini, M.K., s. Spencer, R.P. 192
Karp, R., s. McGiffin, D. et al. 542
Karpathios, T., s. Dimitriou, P. et al. 190
Kasfiki, A., s. Dimitriou, P. et al. 190
Kawaguchi, H., s. Nakamura, K. et al. 237
Kawai, C., s. Tamaki, N. et al. 99
Kawai, C., s. Tamaki, N. et al. 106
Kawamura, J., Itoh, H., Yoshida, O., Fujita, T., Torizuka, K.: In vivo estimation of renal volume using a rotating gamma camera for ^{99m}Tc-dimercaptosuccinic acid renal imaging 168
Kawashima, K., s. Ishiwata, K. et al. 185
Kelbaek, H., Fogh, J., Elmgreen, J.: In vitro labeling of human polymorphonuclear leukocytes with ^{99m}Tc 366
Ketring, A.R., s. Gerson, M.C. et al. 403
Kidd, T.E., s. Tauxe, W.N. et al. 443
Kim, E.E., Pjura, G., Gobuty, A., Verani, R.: ^{131}I uptake in a benign serous cystadenoma of the ovary 433
Kiuru, A., s. Vanharanta, H. et al. 426
Kletter, K., s. Dudczak, R. et al. 81
Kloster, G., Stöcklin, G., Smith, E.F., Schrör, K.: ω-halofatty acids: A probe for mitochondrial membrane integrity. In vitro investigations in normal and ischaemic myocardium 305
Knešaurek, K., Spaventi, Š.: Comparison of three deconvolution techniques in renography 254
Kodama, T., s. Hoshi, H. et al. 94
Kodery, B., s. Diksic, M. et al. 553
Köhn, H., Frohner, K., Bialonczyk, Ch., Unger, G., Mostbeck, A., Steinbach, K.: Intravenous streptokinase therapy in acute myocardial infarction: Assessment of therapy effects by quantitative ^{201}Tl myocardial imaging (including SPECT) and radionuclide ventriculography 408
Kojima, K., s. Tanabe, M. et al. 233
Kojima, S., Kubodera, A.: In vitro binding of ^{67}Ga to Ehrlich ascites tumor cells 374
Kojima, S., Sasaki, T., Kubodera, A.: Relation between ^{67}Ga uptake and iron metabolism in rat tissues 33
Kojima, S., s. Hama, Y. et al. 51
Kojima, S., s. Sasaki, T. et al. 57
Kolbe, H., s. Sinzinger, H. et al. 320
Koltun, B., s. Garty, I. et al. 453
Konishi, Y., s. Hunault, M. et al. 68
Kopřivová, H., s. Švihovcová, P. et al. 478
Koyama, H., s. Noguchi, S. et al. 490
Kramer, E.L., Sanger, J.J.: ^{81m}Kr gas and ^{99m}Tc-MAA V/Q ratio images for detection of V/Q mismatches 345
Kremer Hovinga, T.K., Beukhof, J.R., Luyk, W.H.J. van, Piers, D.A., Donker, A.J.M.: Reversible diminished renal ^{99m}Tc-

DMSA uptake during converting-enzyme inhibition in a patient with renal artery stenosis 144
Kreuzer, H., s. Neumann, P. et al. 205
Kubodera, A., s. Kojima, S. et al. 33
Kubodera, A., s. Hama, Y. et al. 51
Kubodera, A., s. Sasaki, T. et al. 57
Kubodera, A., s. Kojima, S. 374
Kubota, K., Yamada, K., Fukada, H., Endo, S., Ito, M., Abe, Y., Yamaguchi, T., Fujiwara, T., Sato, T., Ito, K., Yoshioka, S., Hatazawa, J., Matsuzawa, T., Iwata, R., Ido, T.: Tumor detection with carbon-11-labelled amino acids 136
Kuniyasu, Y., s. Higashi, S. 548
Kuusela, T., s. Vanharanta, H. et al. 426
Kuwahara, M., s. Hunault, M. et al. 68

Lage, A., s. Zayas, F. et al. 157
Lai, C., s. Goodwin, D. et al. 209
Lastra, G., s. Zayas, F. et al. 157
Laue, A., Heinken, U., Schulz-Heinken, D., Hundeshagen, H.: Leucocyte scanning: Preparation and labelling of leucocytes with ^{111}-Indium oxine and its clinical application 17
Lecklitner, M.L., s. Machen, B.C. et al.
Lee, M.E., s. Wahl, R.L. 245
Lee, W.P., s. Siegel, J.A. et al. 494
Lessem, J., s. Popescu, H.I. et al. 295
Levendel, A., s. Hanna, R. et al. 216
Lewis, C., s. McGiffin, D. et al. 542
Libson, K.F., s. Gerson, M.C. et al. 403
Liehn, J.C., Hannequin, P., Amico, S., Deschildre, A., Elaerts, J., Bajolet, A., Valeyre, J.L.: A new method for objective evaluation of cardiac parametric images 446
Løkkegaard, H., s. Thomsen, H.S. et al. 115
Lomas, F., s. Hanna, R. et al. 216
López, L., s. Montes, J. et al. 438
Lopez-Majano, V.: Sarcoidosis: A truly protean disease 337
Lorusso, P., s. Bianchi, C. et al. 257
Losert, U., s. Dudczak, R. et al. 81
Lückers, A.E.G., Luth, W.J., Teule, G.J.J., Huijgens, P.C., Heidendal, G.A.K.: Diagnosis of deep venous thrombosis with ^{99m}Tc plasmin using the gamma camera 282
Luijk, W.H.J. van, Ensing, G.J., Meijer, S., Donker, A.J.M., Piers, D.A.: Is the relative ^{99m}Tc-DMSA clearance a useful marker of proximal tubular dysfunction? 439
Lunghi, F., s. Bianchi, C. et al. 257
Luth, W.J., s. Lückers, A.E.G. et al. 282
Luyk, W.H.J. van, s. Kremer Hovinga, T.K. et al. 144

Machen, B.C., Lecklitner, M.L., Joslyn, J.N.: Arterio-colonic fistula during scintigraphic evaluation of gastrointestinal bleeding 289
Maeda, H., s. Hamanaka, D. et al. 12
Maeda, T., Ishida, H., Matsuda, H., Yokoyama, K., Seki, H., Tonami, N., Hisada, K.: The utility of radionuclide myelography and cisternography in the progress of cerebrospinal fluid leaks 416
Maini, C.L., s. Troncone, L. et al. 429
Makuuchi, M., s. Oyamada, H. et al. 161
Malvaux, P.., s. Nayer, P. De et al. 284
Mantle, J., s. McGiffin, D. et al. 542
Marinelli, M., s. Cassio, A. et al. 351
Marín, F., s. Banzo, J. et al. 561
Martin, B., s. Goodwin, D. et al. 209
Martin, W., s. McKillop, J.H. et al. 359
Martin, W., s. Smith, M.L. et al. 519
Marving, J., s. Høilund-Carlsen, P.F. 91
Matsuda, H., s. Maeda, T. et al. 416
Matsuo, N., s. Tanabe, M. et al. 233
Matsuzawa, T., s. Kubota, K. et al. 136
Mattei, O., s. Troncone, L. et al. 429
Mattsson, S., s. Johansson, L. et al. 485
Maurat, J.P., s. Berthout, P.. et al. 112
McCall, M., s. Goodwin, D. et al. 209
McCruden, D.C., s. Connell, J.M.C. et al. 464
McGiffin, D., Tauxe, W.N., Lewis, C., Karp, R., Mantle, J.: The relationship between cardiac output and effective renal plasma flow in patients with cardiac disease 542
McKillop, J.H., Tweddel, A.C., Martin, W., Clark, R.S., Murray, R.G., Hutton, I.: Cold pressor induced changes in regional left ventricular wall motion: specific but insensitive for coronary artery disease 359
McKillop, J.H., s. Smith, M.L. et al. 519
McKillop, J.H., s. Fogelman, I. et al. 545
McTigue, M., s. Goodwin, D. et al. 209
Meares, C., s. Goodwin, D. et al. 209
Meijer, S., s. Luijk, W.H.J. van et al. 439
Meyer, G.-J., Schober, O., Bossaller, C., Sturm, J., Hundeshagen, H.: Quantification of regional extravascular lung water in dogs with positron emission tomography, using constant infusion of ^{15}O-labeled water 220
Minato, K., s. Hunault, M. et al. 68
Minato, K., s. Tamaki, N. et al. 106
Moguilner, J., s. Garty, I. et al. 564
Montes, J., López, L., Chamorro, J.L., Galván, R.: Cardiac gallium uptake in amyloidosis 438
Moran, F., s. Gray, H.W. et al. 151
Mori, Y., s. Furukawa, T. et al. 196
Mostafa, A.B., s. Ishfaq, M.M. et al. 141
Mostbeck, A., s. Köhn, H. et al. 408
Mukai, T., s. Hunault, M. et al. 68
Mukai, T., s. Tamaki, N. et al. 99
Mukai, T., s. Tamaki, N. et al. 106
Munck, O., s. Thomsen, H.S. et al. 115
Murakami, M., s. Ishiwata, K. et al. 185
Murakami, T.H., s. Tanabe, M. et al. 233
Murray, R.G., s. McKillop, J.H. et al. 359
Myers, W.G., Bigler, R.E., Graham, M.C.: PET tomography in studies of distributions of 7.6-min potassium 38 in the dog heart 272

Najean, Y., Deschrywer, F.: The body venous haematocrit ratio and its use for calculating total blood volume from fractional volumes 558
Nakamura, K., Kawaguchi, H., Shimizu, K., Orii, H.: The role of ferritin in the intracellular distribution of gallium 67 237
Nakano, S., s. Noguchi, S. et al. 490
Narcisse, G., s. Guilloteau, D. et al. 278
Němec, J., Zamrazil, V., Pohunková, D., Röhling, S., Holub, V.: The rational use of ^{201}TI scintigraphy in the evaluation of differentiated thyroid cancer 261
Neumann, P., Schicha, H., Tebbe, U., Kreuzer, H., Emrich, D.: Analysis of left ventricular regional motility: A comparison of different methods 205
Nishikawa, K., s. Hoshi, H. et al. 94
Nitta, K., s. Ando, A. et al. 300
Noguchi, S., Koyama, H., Nakano, S.: Dose-dependent change in tissue uptake of 17β-(16α-[^{125}I]iodo)-estradiol in female rats: Application to external imaging of mammary carcinoma 490
Nohara, R., s. Tamaki, N. et al. 99
Norgren, L., s. Thörne, J. et al. 472
Nosslin, B., s. Johansson, L. et al. 485
Novák, F., s. Švihovcová, P. et al. 478

Oberhausen, E., s. Schroth, H.-J. et al. 529,
Odori, T., s. Hamanaka, D. et al. 12
Ogawa, H., s. Ando, A. et al. 300
Okazaki, N., s. Oyamada, H. et al. 161
Oliva, J., s. Zayas, F. et al. 157
Olsson†, P.-I., s. Thörne, J. et al. 472
Orii, H., s. Nakamura, K. et al. 237
Oyamada, H., Terui, S., Makuuchi, M., Yamazaki, S., Hasegawa, H., Okazaki, N.: Segmental assessment on ordinary scintigrams and SPECT images of the liver 161

Paaschburg-Nielsen, B., s. Bjerre-Jepsen, K. et al. 413

Palagi, B., s. Picozzi, R. et al. 6
Pauwels, E.K.J., s. Bins, M.C. et al. 312
Pauwels, E.K.J., s. Graaf, P. de et al. 419
Pauwels, E.K.J., s. Vellenga, C.J.L.R. et al. 533
Pavia, D., s. Agnew, J.E. et al. 502
Pearson, D.W., s. Gray, H.W. et al. 151
Peracchi, M., s. Reschini, E. 291
Petrovic, J., s. Vanlić-Razumenic, N. et al. 370
Philippe, L., Cosnay, P., Fauchier, J.P., Itti, R.: Phase quadrature shift between left and right ventricles during a ventricular tachycardia attack 385
Picozzi, R., Tarolo, G.L., Ricci, A., Palagi, B., Zatta, G., Baroffio, R.: Clinical value of phase and amplitude images and left ventricle time-activity curves in assessing patients with acute myocardial infarction 6
Piepsz, A., s. Ham, H.R. et al. 362
Piers, D.A., s. Kremer Hovinga, T.K. et al. 144
Piers, D.A., s. Luijk, W.H.J. van et al. 439
Piers, D.A., s. Janssen, S. et al. 538
Pillay, M., s. Shapiro, B. et al. 354
Pilloy, W., s. Dormehl, I.C. et al. 28
Pina, J.I., s. Banzo, J. et al. 561
Pjura, G., s. Kim, E.E. et al. 433
Plessis, M. du, s. Dormehl, I.C. et al. 28
Pohunková, D., s. Němec, J. et al. 261
Popescu, H.I., Lessem, J., Erjavec, M., Füger, G.F.: In vivo labelling of RBC with ^{99m}Tc for blood pool imaging using different stannous radiopharmaceuticals 295
Popović, S., s. Dodig, D. et al. 177
Pourcelot, L., s. Guilloteau, D. et al. 278
Pozzato, R., s. Cassio, A. et al. 351
Pradelles, P., s. Collignon, F. 23
Purcell, M., s. Shih, W.-J. et al. 286

Ramée, A., s. Jeune, J.J. Le et al. 250
Remme, W.J., s. Shapiro, B. et al. 354
Reschini, E., Peracchi, M.: Uptake of ^{75}Se-selenocholesterol by an adrenal cortical carcinoma and its metastases 291
Ricci, A., s. Picozzi, R. et al. 6
Richter, J.A., Serena, A., Charvet, M.A., Virto, R., Errasti, P.: Ureteral fistula after renal transplantation: the significance of delayed images 436
Rijswijk, M.H. van, s. Janssen, S. et al. 538
Rios, G., s. Banzo, J. et al. 561
Risescu, J., s. Garty, I. et al. 521
Ritzl, F., s. Szabó, Z. et al. 199
Robertson, J., s. Connell, J.M.C. et al. 464
Robinson, A.E., s. Harpen, M.D. et al. 73
Rochcongar, P., s. Jeune, J.J. Le et al. 250
Röhling, S., s. Němec, J. et al. 261
Rosen, G., s. Garty, I. et al. 521
Rowe, I.F., Sleight, P.J., Gaunt, J.I., Croft, D.N.: Assessment of pulmonary ventilation scans using xenon-127 in the diagnosis of pulmonary embolism 154
Rufini, V., s. Troncone, L. et al. 429

Saenger, E.L., s. Gerson, M.C. et al. 403
Sako, K., s. Diksic, M. et al. 553
Sanger, J.J., s. Kramer, E.L. 345
Sasaki, T., Kojima, S., Kubodera, A.: Uptake of ^{67}Ga in the lung of mice during bleomycin treatment 57
Sasaki, T., s. Kojima, S. et al. 33
Sasaki, T., s. Hama, Y. et al. 51
Sato, C., s. Tanabe, M. et al. 233
Sato, T., s. Kubota, K. et al. 136
Satoh, K., s. Tanabe, M. et al. 233
Saukko, T., s. Vorne, M. 180
Schicha, H., s. Neumann, P. et al. 205
Schicht, I.M., s. Graaf, P. de et al. 419
Schmoliner, R., s. Dudczak, R. et al. 81
Schober, O., s. Meyer, G.-J. et al. 220
Schoutens, A., s. Schuind, F. et al. 461
Schrör, K., s. Kloster, G. et al. 305
Schroth, H.-J., Hausinger, F., Garth, H., Oberhausen, E.: Comparison of the kinetics of methylene-diphosphonate (MDP) and dicarboxypropan-diphosphonic acid (DPD), two radio-diagnostics for bone scintigraphy 529
Schuind, F., Schoutens, A., Verhas, M., Verschaeren, A.: Uptake of colloids by bone is dependent on bone blood flow 461
Schulz-Heinken, D., s. Laue, A. et al. 17
Seger, R.M., s. Volkert, W.A. et al. 511
Seki, H., s. Maeda, T. et al. 416
Serena, A., s. Richter, J.A. et al. 436
Shapiro, B., Pillay, M., Cox, P.H., Remme, W.J.: First-pass left ventricular ejection fraction with ^{95m}Au on a 1/4 in. crystal gamma camera 354
Sherman, P., s. Wahl, R.L. et al. 382
Shibakiri, I., s. Furukawa, T. et al. 196
Shih, W.-J., Purcell, M., Domstad, P.A., DeLand, F.H.: Adult polycystic disease of kidneys: A potential cause of false-positive ^{67}Ga images 286
Shimizu, K., s. Nakamura, K. et al. 237
Shishido, F., Tateno, Y., Takashima, T., Tamachi, S., Yamaura, A., Yamasaki, T.: Positron CT imaging using a high resolution PCT device (Positologica-I), ^{11}CO, $^{13}NH_3$, and ^{18}FDG in clinical evaluation of cerebrovascular diseases 265
Shiue, C.-Y., Arnett, C.D., Wolf, A.P.: Synthesis and biodistribution of 2-deoxy-2-[^{18}F]fluoro-D-glucopyranosyl [^{18}F]fluoride in mice 77
Siegel, J.A., Harpen, M.D., Lee, W.P., Verma, R.C., Greenfield, M.A.: Quantitative differences between the thyroid uptake of ^{123}I and ^{99m}Tc 494
Sinzinger, H., Kolbe, H., Strobl-Jäger, E., Höfer, R.: A simple and safe technique for sterile autologous platelet labelling using "Monovette" vials 320
Siplovich, L., s. Garty, I. et al. 564
Sleight, P.J., s. Rowe, I.F. et al. 154
Smith, E.F., s. Kloster, G. et al. 305
Smith, M.L., Martin, W., McKillop, J.H., Fogelman, I.: Improved lesion detection with dimethyl-amino-diphosphonate: A report of two cases 519
Söderborg, B., s. Dahlborn, M. et al. 499
Spaventi, Š., s. Knešaurek, K. 254
Spencer, R.P., Karimeddini, M.K.: Abdominal dynamic study in oligohydramnios with Potter's syndrome 192
Spencer, R.P., s. Karimeddini, M.K. et al. 482
Steinbach, K., s. Köhn, H. et al. 408
Stöcklin, G., s. Kloster, G. et al. 305
Strand, S.-E., s. Bergqvist, L. et al. 129
Strand, S.-E., s. Thörne, J. et al. 472
Strobl-Jäger, E., s. Sinzinger, H. et al. 320
Sturm, J., s. Meyer, G.-J. et al. 220
Surová, H., s. Švihovcová, P. et al. 478
Sutton, P.P., s. Agnew, J.E. et al. 502
Suzuki, K., s. Furukawa, T. et al. 196
Švihovcová, P., Kopřivová, H., Glagoličová, A., Novák, F., Surová, H., Dienstbier, Z.: Immunoscintigraphy and distribution study of experimental tumours using ^{131}I-labelled antifibrinogen antibodies 478
Szabó, Z., Ritzl, F., Vosberg, H.: Nuclear medical determination of the left ventricular normalized velocity of contraction 199
Szaz, K.F., s. Adiseshiah, M. et al. 379

Taillefer, R., s. Eybalin, M.-C. et al. 247
Takahashi, T., s. Ishiwata, K. et al. 185
Takashima, T., s. Shishido, F. et al. 265
Tamachi, S., s. Shishido, F. et al. 265
Tamai, T., s. Tanabe, M. et al. 233
Tamaki, M., s. Furukawa, T. et al. 196
Tamaki, N., Mukai, T., Ishii, Y., Yonekura, Y., Hamanaka, D., Minato, K., Kadota, K., Kambara, H., Kawai, C., Torizuka, K.: Clinical evaluation of ^{99m}Tc-pyrophosphate myocardial

emission computed tomography: Comparison with planar imaging 106
Tamaki, N., Yonekura, Y., Mukai, T., Fujita, T., Nohara, R., Kadota, K., Kambara, H., Kawai, C., Torizuka, K., Ishii, Y.: Segmental analysis of stress thallium myocardial emission tomography for localization of coronary artery disease 99
Tamaki, N., s. Hunault, M. et al. 68
Tanabe, M., Hasegawa, E., Matsuo, N., Tamai, T., Satoh, K., Kojima, K., Sato, C., Murakami, T.H.: Lacrimal gland accumulation of ^{67}Ga-citrate in patients with Sjörgren's syndrome 233
Tarolo, G.L., s. Picozzi, R. et al. 6
Tateno, Y., s. Shishido, F. et al. 265
Tautz, M., s. Ertl, S. et al. 241
Tauxe, W.N., Dubovsky, E.V., Kidd, T.E.: Comparison of measurement of effective renal plasma flow by single plasma sample and plasma disappearance slope/volume methods 443
Tauxe, W.N., s. McGiffin, D. et al. 542
Tebbe, U., s. Neumann, P. et al. 205
Terui, S.: Clinical evaluation of thyroxine-binding globulin (TBG) as a marker of liver tumors 121
Terui, S., s. Oyamada, H. et al. 161
Teule, G.J.J., s. Lückers, A.E.G. et al. 282
Thomsen, H.S., Løkkegaard, H., Munck, O.: Evaluation of kidney grafts with ^{99m}Tc-methylene diphosphonate within 36 hours after transplantation: A marker of ischemic damage 115
Thörne, J., Olsson†, P.-I., Strand, S.-E., Jönsson, B.-A., Norgren, L.: An experimental method for in vivo studies of pulmonary platelet sequestration 472
Tonami, N., s. Maeda, T. et al. 416
Torizuka, K., s. Hamanaka, D. et al. 12
Torizuka, K., s. Hunault, M. et al. 68
Torizuka, K., s. Tamaki, N. et al. 99
Torizuka, K., s. Tamaki, N. et al. 106
Torizuka, K., s. Kawamura, J. et al. 168
Torti, F., s. Goodwin, D. et al. 209
Tramonti, G., s. Bianchi, C. et al. 257
Troncone, L., Maini, C.L., De Rosa, G., Corsello, S.M., Rufini, V., Mattei, O., Bonifazi, N.: Scintigraphic localization of a disseminated malignant pheochromocytoma with the use of ^{131}I-meta-iodobenzylguanidine 429
Troutner, D.E., s. Volkert, W.A. et al. 511
Tsialas, S., s. Dimitriou, P. et al. 229
Turba, E., s. Cassio, A. et al. 351
Tweddel, A.C., s. McKillop, J.H. et al. 359
Tzimas, J., s. Dimitriou, P. et al. 229

Unger, G., s. Köhn, H. et al. 408
Urgancioğlu, İ., s. Yeker, D. et al. 316

Valat, C., s. Guilloteau, D. et al. 278
Valeyre, J.L., s. Liehn, J.C. et al. 446
Vanderheyden, J.-L., s. Gerson, M.C. et al. 403
Vandroux, J.C., s. Venot, J. et al. 343
Vanharanta, H., Kuusela, T., Kiuru, A.: Early detection of developing osteoarthritis by scintigraphy: An experimental study on rabbits 426
Vanlić-Razumenic, N., Petrovic, J., Gorkic, D.: Biochemical studies of the renal radiopharmaceutical compound dimercaptosuccinate. IV. Interaction of ^{99m}Tc-DMS and ^{99}Tc-DMS complexes with blood serum proteins 370
Vazelle, F., s. Jeune, J.J. Le et al. 250
Velde, E.A. van der, s. Bins, M.C. et al. 312
Velde, J. te, s. Graaf, P. de et al. 419
Vellenga, C.J.L.R., Pauwels, E.K.J., Bijvoet, O.L.M.: Comparison between visual assessment and quantitative measurement of radioactivity on the bone scintigram in Paget's disease of bone 533
Venot, J., Veyriras, E., Vandroux, J.C., Bournaud, E., Gastinne, H., Beck, C.: A simple radio-isotopic method for the detection of bronchial inhalation during intensive care 343
Verani, R., s. Kim, E.E. et al. 433
Verdenet, J., s. Berthout, P.. et al. 112
Verelst, J., s. Ham, H.R. et al. 362
Verhas, M., s. Schuind, F. et al. 461
Verma, R.C., s. Siegel, J.A. et al. 494
Verschaeren, A., s. Schuind, F. et al. 461
Veyriras, E., s. Venot, J. et al. 343
Viel, C., s. Guilloteau, D. et al. 278
Virgin, J., s. Dahlborn, M. et al. 499
Virto, R., s. Richter, J.A. et al. 436
Vogler, M.A., s. Karimeddini, M.K. et al. 482
Volkert, W.A., Hoffman, T.J., Seger, R.M., Troutner, D.E., Holmes, R.A.: ^{99m}Tc-propylene amine oxime (^{99m}Tc-PnAO); a potential brain radiopharmaceutical 511
Vorne, M., Saukko, T.: Detection of malignant soft tissue tumors in bone imaging 180
Vos, C.M., s. Herscheid, J.D.M. et al. 508
Vos, P.H., s. Graaf, P. de et al. 419
Vosberg, H., s. Szabó, Z. et al. 199

Wahl, R.L.: The "water-ida": A simple means to separate duodenal from gallbladder activity on cholescintigraphic studies 335
Wahl, R.L., Lee, M.E.: Increased genital uptake of ^{99m}Tc red blood cells: A potential cause of false-positive studies for gastrointestinal bleeding 245
Wahl, R.L., Sherman, P., Fisher, S.: The effect of specimen processing on radiolabeled monoclonal antibody biodistribution 382
Wakuta, Y., s. Hoshi, H. et al. 94
Warder, M., s. Zayas, F. et al. 157
Watanabe, K., s. Hoshi, H. et al. 94
Weiss, T., Dorow, P., Felix, R.: Continuous aerosol inhalation scintigraphy in the evaluation of early and advanced airways obstruction 62
Wever, A.M.J., s. Bins, M.C. et al. 312
Wiener, J.D.: Serum free thyroxine: Calculated and measured values 147
Wilczek, B., s. Dahlborn, M. et al. 499
Williams, C.C., s. Gerson, M.C. et al. 403
Williams, N.R., s. Ishfaq, M.M. et al. 141
Winkel, K. zum: Evaluation of renal function and morphology with radionuclides 323
Wolf, A.P., s. Shiue, C.-Y. et al. 77
Wood, E.J., s. Agnew, J.E. et al. 502
Wynchank, S., s. Guillet, J. et al. 86

Yamada, K., s. Kubota, K. et al. 136
Yamada, T., s. Furukawa, T. et al. 196
Yamaguchi, T., s. Kubota, K. et al. 136
Yamamoto, Y.L., s. Diksic, M. et al. 553
Yamasaki, T., s. Shishido, F. et al. 265
Yamaura, A., s. Shishido, F. et al. 265
Yamazaki, S., s. Oyamada, H. et al. 161
Yeh, E.-L.: Gallium-67 uptake in non-malignant stomach 193
Yeker, D., Büyükünal, C., Benli, M., Büyükünal, E., Urgancioğlu, İ.: Radionuclide imaging of Meckels' diverticulum: cimetidine versus pentagastrin plus glucagon 316
Yokoyama, K., s. Maeda, T. et al. 416
Yonekura, Y., s. Tamaki, N. et al. 99
Yonekura, Y., s. Tamaki, N. et al. 106
Yoshida, O., s. Kawamura, J. et al. 168
Yoshioka, S., s. Kubota, K. et al. 136

Zamrazil, V., s. Němec, J. et al. 261
Zatelli, G., s. Gori, C. et al. 517
Zatta, G., s. Picozzi, R. et al. 6
Zayas, F., Oliva, J., Lage, A., Diaz, J.W., Alcorta, L.F., Warder, M., Lastra, G.: ^{67}Ga-citrate distribution in solid hepatoma 22 157

Subject index

Compiled by Professor Höfer in collaboration with his secretary Ms. Heisters

Abscess, Ga-67-binding substances 300
adrenal carcinoma and Se-75-cholesterol 291
– medulla localization, mIBG 278
aerosol inhalation scintigraphy in obstruction 62
amino acids C-11 labelled, tumor detection 136
aneurysm fibrinogen blood pool study 196
angiography equilibrium gated, valvular regurgitation 112
– radionuclide: Duplication superior vena cava 247
– studies nuclear in ventricular tachycardia 385
antibody blood background clearance, tumor imaging 209
antifibrinogen antibodies I-131, immunoscintigraphy 478
aprotinin Tc-99m, kidney tracer 257
aspiration of gastric juice in intensive care patients 343
Au-195m first-pass LVEF 354
Au-198 colloid, intrathecal therapy 125

Bleomycin treatment, Ga-67 lung uptake 57
blood flow limb regional/Xe-133 inhalation 379
– –, Xe-133 subcutaneous therapy control 413
blood pool study, venous aneurysm 196
bone blood flow and colloid uptake 461
– scintigraphy, quantitative in renal osteodystrophy 419
brain studies, propylene amine oxime 511

C-11 labelled amino acids, tumor detection 136
CO-11, 13-NH3, 18-FDG and PET in cerebrovascular disease 265
cardiac amyloidosis, Ga-67 citrate uptake 438
– distribution of K-38 (PET) 272
– output, radionuclide procedure 73
– parametric images, evaluation 466
cerebral blood flow, Xe-133, signal overlapping 1
cholesterol Se-75, adrenal carcinoma 291
cimetidine in Meckel's diverticulum imaging 316
cisternography and myelography radionuclide 416
cold pressor test, gated ventriculography 359
colloid labelling of leucocytes in whole blood 216
– uptake and bone blood flow 461
–, sulphur Tc-99m, arterio-colonic fistula 289
colon transit, gastric emptying, dogs 28
converting enzyme inhibition, Tc-99m-DMSA uptake 144

DMS-Tc-99m and DMS-Tc-99 interaction with serum proteins 370
DMSA-Tc-99m uptake, converting enzyme inhibition 144
– and SPECT, renal volume 168
DTPA Tc-99m aerosol 141
DTPA-Tc-99m in Potters syndrome 192
Deconvolution techniques in renography 254
desferrioxamine and Ga-67 uptake 467
detector sensitivity, effect of scatter radiation 229
diagnostic procedure, radiation dose risk GDR 241
dihydroergotoxine, RIA 23
diphosphonate in malignant soft tissue 180

ENMS News Letter Number 7 43
– – – – 8 388
effective dose equivalent, radiopharmaceuticals 485
effective renal plasma flow 443
Ehrlich ascites tumor cells, Ga-67 binding 374
esophageal transit quantitation with Kr-81m 362
estradiol 17-beta-(16-alpha) I-125, mamma carcinoma 490
exponential functions, weighted least square analysis 190

F-18 labelled pyrimidines metabolism 185
F-18-fluoro-D-glucopyranosyl fluoride, biodistribution and synthesis 77
FDG-18, 11-CO, 13-NH3 and PET in cerebrovascular disease 265
FT-4 analog methods in FDH 284
– calculated and measured 147
familial dysalbuminemic hyperthyroxinemia, FT-4 analog methods 284
fatty acids, I-123-IHA in myocardium 305
ferritin and Ga-67 distribution 237
ferrokinetic calculations, errors 517
fibrinogen Tc-99m aneurysm blood pool study 196

Ga-67 accumulation/heparan metabolism 51
– binding to Ehrlich ascites tumor cells 374
– citrate uptake in cardiac amyloidosis 438
– –, lacrimal gland accumulation 233
– citrate, solid hepatoma 22 157
– distribution and ferritin 237
– false positive images in polycystic kidney disease 286
– lung uptake, bleomycin treatment 57
– uptake/iron metabolism relationship 33
– uptake and desferrioxamine 467
– – in normal stomach 193
– in sarcoidosis 337
Ga-67-binding substances, abscess, normal tissue 300
gastric emptying, colon transit, dogs 28
gastrointestinal bleeding, arterio-colonic fistula 289

HDA-I-123, a metabolic tracer 81
HEDP-Tc-99m, quantitative uptake in renal osteodystrophy 419
hemangioma, Tc-99m-MDP uptake 94
heparan sulfate/Ga-67 accumulation 51
hepatoma 22 solid, Ga-67 citrate 157
hypothyroidism congenital, neonatal Tc-99m-O4 in vivo studies 351

I-123/Tc-99m thyroid uptake 494
I-123-heptadecanoic acid, a metabolic tracer 81
I-123-IHA in myocardium 305
I-125 estradiol, mamma carcinoma 490
I-131 therapy, carbimazole pre-treatment 464
– uptake in benign ovarian cystadenoma 433
I-131-antifribrinogen antibodies, immunoscintigraphy 478
I-131-OIH, ERPF 443
I-131-mIBG, malignant phaeochromocytoma localization 429
IDA-clearance, case report 482
IDA-Tc-99m, duodenal/gallbladder activity separation 335
immunoscintigraphy, I-131-antifibrinogen antibodies 478
In-111 labeled polymer beads, gastric emptying 28
In-111-oxine platelet labelling 320
In-111-oxine platelets, pulmonary sequestration 472
–, leucocyte scanning 17
infarction, right ventricle diagnosis 453
iron metabolism/Ga-67 uptake relationship 33

K-38 and PET distribution studies 272
kidney graft evaluation, Tc-99m-MDP 115
– polycystic disease, Ga-67 false positives 286
– tracer, aprotinin Tc-99m 257
Kr-81m/radioaerosol images 502
Kr-81m, lung capacity after lobectomy 312
–, quantitative esophageal transit 362
–, Tc-99m-MAA V/Q ratio images 345

LVEF, first-pass with Au-195m 354
lacrimal gland accumulation, Ga-67 citrate 233
least square analysis weighted of radioactivity data 190
left ventricular contraction, normalized velocity 199
– – ejection fraction, underestimation 91
– – regional motility 205
– – wall motion, cold pressor test 359
leg scintigraphy, Tl-201 12
leucocyte scanning, 111-Indium oxine 17
leucocytes labelling with Tc-99m 366
– Tc-99m stannous colloid labelling in whole blood 216
liver scintigraphy, segmental/SPECT 161
– tumors, TBG as marker 121
lung water extravascular, O-15 water and PET 220
lymphoscintigraphy in malignant melanoma 129

MAA-Tc-99m, Kr-81m V/Q ratio images 345
MDP Tc-99m in pubic pain syndrome 250
MDP-Tc-99m, early detection of osteoarthritis 426
–, kidney graft evaluation 115
MDP-uptake, hemangioma 94
mamma carcinoma, estradiol 17-beta-(16-alpha) I-125 490
Meckel's diverticulum imaging, cimetidine, pentagastrin, glucagon 316
melanoma malignant lymphoscintigraphy 129
meta-iodobenzylguanidine, autoradiographic, pharmacologic studies 278
minimicrospheres inhalation scintigraphy 62
monoclonal antibody biodistribution and sample handling 382
monovette vials in platelet labelling 320
motion correction in dynamic scintigraphy 397
multiple gated blood pool, LV regional motility 205
myelography and cisternography radionuclide 416
myocardial imaging, positive 525
– infarction, phase and amplitude images 6
– scintigraphy gated, imaging time 173
– scintigraphy with Tc-99m-tris-DMPE 403
– studies with I-123-IHA 305
– uptake Tc-99m, LVEF underestimation 91
– –, SPECT, Tc-99m-pyrophosphate 106

N-succinyldesferrioxamine B, renal function 508
NH3-13, 11-CO, 18-FDG and PET in cerebrovascular disease 265
neonatal Tc-99m-O4 in vivo studies 351

O-15 water and PET, extravascular lung water 220
oligohydramnios Tc-99m-DTPA studies 192
osteoarthritis, early detection with MDP 426
osteodystrophy, renal quantitative HEDP uptake 419
ovarian cystadenoma uptake of I-131 433

PET correction of scatter coincidence 391
– and 11-CO, 13-NH3, 18-FDG in cerebrovascular disease 265
– – K-38 distribution studies 272
– – O-15 water, extravascular lung water 220
PYP-99m-Tc infarct scintigraphy 453
parametric images, cardiac evaluation 446
pentagastrin, glucagon in Meckel's diverticulum imaging 316
perfusion ventilation images, pulmonary embolism 151
phaeochromocytoma, malignant I-131-mIBG 429
phase and amplitude images, myocardial infarction 6
plasmin Tc-99m, deep venous thrombosis 282
– –, deep-vein thrombosis 499
platelet labelling, In-111-oxine 320
– sequestration, pulmonary 472
propylene amine oxime, brain studies 511
pubic pain syndrom MDP-scanning 250
pulmonary embolism, ventilation perfusion images 151
pyrimidines F-18 labelled, metabolism 185

RBC Tc-99m-labelling, different stannous radiopharmaceuticals 295
radiation dose, risk, diagnostic procedures GDR 241
radioaerosol/Kr-81m images 502
radioaerosol generator, ventilation studies 141
radioimmunoassay of dihyroergotoxine 23
radionuclide angiography: duplication superior vena cava 247
– in renal functions and morphology studies 323
radiopharmaceuticals, effective dose equivalent 485
red blood cell labelling, letter to editor 294
– – cells, Tc-99m-labelled, false positives in bleeding 245
renal clearance, Tc-99m-DMSA 439
– function, morphology, evaluation with radionuclides 323
– function, N-succinyldesferrioxamine B 508
– graft, ureteral fistula detection with DTPA 436
– volume, Tc-99m-DMSA and SPECT 168
renography deconvolution techniques 254
rhenium sulphide gelatine, Tc-99m aspiration studies 343

SPECT/segmental, liver scintigraphy 161
SPECT and Tc-99m-DMSA, renal volume 168
–, Tc-99m-pyrophosphate, myocardial uptake 106
–, thallium stress myocardial uptake 99
sacroiliac joint imaging, age influence 177
– – uptake, age dependent 484
sarcoidosis and Ga-67 337
scatter coincidence correction in PET 391
– radiation, effect on detector sensitivity 229
scintigraphy dynamic motion correction 397
Se-75-selenocholesterol, adrenal carcinoma and metastases 291
Sjoegren's syndrome, Ga-67 Accumulation 233
stomach uptake of Ga-67 193
streptokinase intravenous Tl-201 scanning and ventriculography 408
sulphur colloid oral transit in paediatrics 86

TBG in liver tumors 121
Tc-99m/I-123 thyroid uptake 494
Tc-99m diphosphonate in malignant soft tissue 180
– labelling of leucocytes 366
– MDP, kidney graft evaluation 115
– minimicrospheres inhalation scintigraphy 62
– plasmin, deep-vein thrombosis 499
– RBC-labelling, different stannous radiopharmaceuticals 295
Tc-99m-aprotinin, kidney tracer 257
Tc-99m-DMAD studies, case report 519
Tc-99m-DMS and Tc-99-DMS interaction with serum proteins 370
Tc-99m-DMSA clearance 439
– uptake, converting enzyme inhibition 144
– aerosol 141
– in potters syndrome 192
Tc-99m-diisopropyl-IDA, case report 482
Tc-99m-HEDP, quantitative uptake in renal osteodystrophy 419
Tc-99m-MDP uptake mediastinal goiter 521
– –, mediastinal hemangioma 94
–, SI uptake, age dependent 484
Tc-99m-O4 in vivo studies in neonates 351
Tc-99m-PYP infarct scintigraphy 453
Tc-99m-PnAO, brain studies 511
Tc-99m-pyrophosphate, myocardial imaging 525
–, myocardial uptake, SPECT 106

Tc-99m-RBCs, false positives in bleeding 245
Tc-99m-Sb_2S_3 colloid, lymphoscintigraphy in melanoma 129
Tc-99m-Sn-DTPA, ureteral fistula after renal graft 436
Tc-99m-sulphur colloid oral transit in paediatrics 86
– –, arterio-colonic fistula 289
Tc-99m-tris-DMPE, myocaradial scintigraphy 403
Thallium stress myocardial uptake, SPECT 99
therapy with Au-198 colloid, intrathecal 125
thrombosis deep venous, plasmin Tc-99m 282
thyroid cancer differentiated, Tl-201 scintigraphy 261
– uptake, Tc-99m/I-123 494
–, mediastinal MDP uptake 521
thyroxine, free, calculated and measured 147
Tl-201 leg scintigraphy 12
– myocardial imaging after intravenous streptokinase 408
– scintigraphy in differentiated thyroid cancer 261
–, myocardial scintigraphy gated, imaging time 173
tricuspid regurgitation 68
tumor detection, C-11 labelled amino acids 136
– imaging, blood background antibody clearance 209

Valvular regurgitation, gated equilibrium angiography 112
ventilation perfusion images, pulmonary embolism 151
– – studies, Kr-81m, MAA 345
– studies, Kr-81m 312
– –, radioaerosol generator 141
ventricular tachycardia, nuclear angiography studies 385
ventriculoatrial shunt, cutaneous fistula, case report 39
ventriculography gated and cold pressor test 359

Xe-133 cerebral blood flow, signal overlapping 1
– inhalation/regional limb blood flow 279
– leg blood flow after therapy 413